



### Background: California's Response to Climate Impacts

Governor's Executive Order, November 2008:


- NRC Sea Level Rise Assessment Report
- Transportation systems vulnerability assessment
- State Climate Adaptation Strategy (CAS)

### The California Climate Adaptation Strategy:




- First released December 2009
- Overall goals: begin discussion, assess climate risks, coordinate state policies

### Climate Adaptation Strategy - Additional Goals:



- Initiate action and dialogue
- Assess climate vulnerability and risks by sector
- Coordinate state policies
- Coordinate with climate mitigation efforts

### Adaptation Progress



- Coordinating climate adaptation with mitigation
- Making research findings *useful*
  - > Cal-Adapt Tool
  - > Policy Guide
  - > Vulnerability Study
- Involvement with regional efforts
- First-year progress report

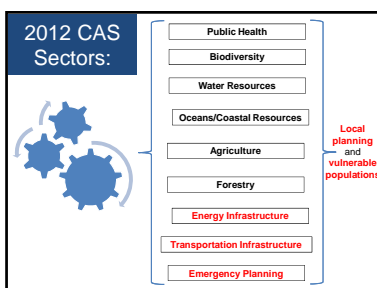
### Climate Adaptation Strategy for 2012:

- Public health and safety
- Protecting California's economy
- Protecting California's unique natural environment
- Better integrate state agency climate efforts

2009 CAS focus: climate impacts and response

### 2012 CAS: Goals

- Assess progress
- Prioritize and re-focus efforts
- Update – impacts and vulnerabilities
- Integration (strategies and sectors)
- New sections (emergency response/most vulnerable populations/local government)




### Sector Topics:

- Vulnerabilities
- Progress to date
- Key strategies going forward
- Cross-sector strategies
- Adaptation in planning, investment and regulatory processes
- Challenges
- Research needs




### Coordination

- California Climate Adaptation Strategy
- California Water Plan AB 32 Scoping Plan
- Strategic Growth Council Strategic Plan
- California Environmental Goals and Policy Report
- California General Plan Update
- State Hazard Mitigation Plan
- Fire and Resource Assessment Program
- California Wildlife Action Plan
- California Transportation Plan Update



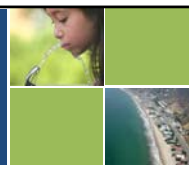
### Barriers to Adaptation:

- Lack of understanding of how climate change impacts day-to-day life
- Limited guidance
- Lack of funding (research, planning, staff)
- Institutional barriers
- Limited communication
- Climate skepticism




### Climate Adaptation:

- Easy access to information
- Streamline Federal/State/Local planning
- Use existing planning procedures where applicable
- Funding – research and planning
- Legislation?

Thank you



[www.climatechange.ca.gov/adaptation/index.html](http://www.climatechange.ca.gov/adaptation/index.html)